



JC14 Rec'd PCT/PTO 29 MAY 2002

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/018,958
		Filing Date	December 27, 2001
		First Named Inventor	Malcolm Bruce GRAY et al.
		Group Art Unit	
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	743414-8

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input checked="" type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input checked="" type="checkbox"/> Other - Specification
Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual name	<u>Donald R. Studebaker, Reg. No. 32,815</u> Nixon Peabody LLP 8180 Greensboro Drive Suite 800 McLean, VA 22102
Signature	
Date	May 20, 2002

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <u>5-20-02</u>	
Type or printed name	Jeannie Saxton
Signature	
Date	May 20, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.**

**FEE TRANSMITTAL
FOR FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$1)70.00

Complete (if known)

Application Number	10/018,958
Filing Date	December 27, 2001
First Named Inventor	Malcolm Bruce GRAY et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	743414-8

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-2380

Deposit Account Name Nixon Peabody LLP

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☒
- Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)0

2. EXTRA CLAIM FEES

Total Claims	-20** =	Extra Claims	X	Fee from below	=	Fee Paid
Independent Claims	-3** =		X			
Multiple Dependent						

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claims, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)0

**or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105 130	205 65		Surcharge - late filing fee or oath	
127 50	227 25		Surcharge - late provisional filing fee or cover sheet	
139 130	139 130		Non-English transaction	
147 2,520	147 2,520		For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*		Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*		Requesting publication of SIR after Examiner action	
115 110	215 55		Extension for reply within first month	
116 400	216 200		Extension for reply within second month	
117 920	217 450		Extension for reply within third month	
118 1,440	218 720		Extension for reply within fourth month	
128 1,960	228 980		Extension for reply within fifth month	
119 320	219 160		Notice of Appeal	
120 320	220 160		Filing a brief in support of an appeal	
121 280	221 140		Request for oral hearing	
138 1,510	138 1,510		Petition to institute a public use proceeding	
140 110	240 55		Petition to revive - unavoidable	
141 1,280	241 640		Petition to revive - unintentional	
142 1,280	242 640		Utility issue fee (or reissue)	
143 460	243 230		Design issue fee	
144 620	244 310		Plant issue fee	
122 130	122 130		Petitions to the Commissioner	
123 50	123 50		Processing fee under 37 CFR 1.17(a)	
126 180	126 180		Submission of Information Disclosure Stmt	
581 40	581 40		Recording each patent assignment per property (times number of properties)	40.00
146 740	246 370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370		For each additional invention to be examined (37 CFR § 1.29(b))	
179 740	279 370		Request for Continued Examination (RCE)	
169 900	169 900		Request for expedited examination of a design application	

Other fee (specify) English translation surcharge

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)170.00

CERTIFICATE OF MAILING

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Name: Jeanne Saxton

SUBMITTED BY

Name (Print/Type)	Donald R. Studebaker	Registration No.	32,815	Complete (if applicable)
Signature	<i>Donald R. Studebaker</i>	(Attorney/Agent)		Telephone (703) 770-9300
				Date May 20, 2002



Docket No.: 743414-8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Malcolm Bruce GRAY et al.)
Serial No. 10/018,958)
Filed: December 27, 2001)
For: INTERFEROMETER CONTROL AND LASER)
FREQUENCY LOCKING)

RESPONSE TO NOTIFICATION OF
MISSING REQUIREMENTS

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) dated March 18, 2002, submitted herewith is a copy of the specification, executed Declaration and Power of Attorney, Assignment and Assignment Recordation Cover Sheet and a copy of Notification of Missing Requirements along with the fees under 37 CFR 371. (Surcharge - \$130; Assignment - \$40)

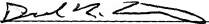
The above fees are covered by the attached check in the amount of \$170.00. Should there be any additional fees required for proper filing of the attached documents, please charge Deposit Account No. 19-2380 (743414-8). Prompt issuance of a corrected filing receipt is respectfully requested.

Respectfully submitted,

06/04/2002 GFREY1 00000101 10018958

02 FC:156

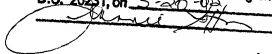
130.00 00


Donald R. Studebaker
Registration No. 32,815

Nixon Peabody LLP
8180 Greensboro Drive
Suite 800
McLean, Virginia 22102
(703) 770-9300

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on 5-20-02

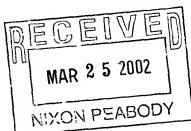




UNITED STATES PATENT & TRADEMARK OFFICE

 Commissioner for Patents, Box PCT
 United States Patent and Trademark Office
 Washington, D.C. 20591
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/018,958	FIRST NAMED APPLICANT Daniel Anthony Shaddock	ATTY. DOCKET NO. 743414-0008
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 Nixon Peabody
 8180 Greensboro Drive
 Suite 800
 McLean, VA 22102


INTERNATIONAL APPLICATION NO. PCT/AU00/00739	
LA. FILING DATE 06/30/2000	PRIORITY DATE 06/30/1999

CONFIRMATION NO. 60553

371 FORMALITIES LETTER



0C000000007639571

Date Mailed: 03/18/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Indication of Small Entity Status
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Small Entity Statement

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below.
 - The translation of the International Application is incomplete as a number of pages are missing.
- Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 30 months from the priority date (37 CFR 1.492(f)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

 3-26-02 DOCKETED By *PAZ*
 Nixon Peabody, LLP

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Small Entity:

- **\$130** for English translation surcharge required.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 305-3738

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/018,958	PCT/AU00/00739	743414-0008